Get a blank Periodic Table, colored pencils, crayons, markers, etc. and identify the following locations. Use the Periodic Tables in the classroom, chemistry books in the front of the room and/or the computers to help you with this assignment.

Groups and families are the columns

Series and periods are the rows

Groups 1 to 18

Groups IA to VIIIA

Groups IB to VIIIB

Periods 1 to 7

Lanthanide series

Actinide series

Alkali metals(sodium family)

Alkaline earth metals(calcium family)

Transition metals(transitional elements)

Boron family

Carbon family

Nitrogen family

Oxygen family(chalcogens)

Halogens

Noble gases(inert gases)

Rare earth elements

Inner transitional elements

Zig zag line that separates the metals and the nonmetals

Where are the metals vs nonmetals vs metalloids located?

Which element that touches the zig zag line is really a metal not a metalloid?

Where are the solids, liquids, and gases located?

What are the two liquids on the periodic table? Put their symbols in the correct box.

Where are the twelve gases. Put their symbols in the correct box.

HW: Periodic Table, Matter, Phase Changes, Heat



